Refine Search

Search Results -

Terms	Documents
L22 not L11	3

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search: L23

[Refine Search]

[Recall Text] [Clear]   [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L23	L22 not L11	3	L23
L22	L21 and L1	3	L22
L21	L20 and L9	32	L21
L20	(L17 or L18 or L19) and L2	1517	L20
L19	709/204.ccls.	1946	L19
L18	709/227.ccls.	3707	L18
L17	709/220-221.ccls.	3425	L17
L16	L15 and (detect$3 with movement with icon)	0	L16
L15	L14 and (GUI or (graphical near user near interface))	45	L15
L14	L13 and (L1 or L9)	118	L14
L13	709/$.ccls.	51778	L13
L12	L11 not L8	0	L12
L11	L10 and L1	1	L11
L10	L9 and L6	12	L10

L9	simultaneous with communication with session	333	L9
L8	L7 and L2	1	L8
L7	L6 and L1	6	L7
L6	707/$.ccls.	41156	L6
L5	L4 and (detect$3 with movement with icon)	0	L5
L4	L3 and (GUI or (graphical near user near interface))	50	L4
L3	L1 and L2	60	L3
L2	communication with session	28650	L2
L1	display$3 with icon with participant	204	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L15 and (detect$3 with movement with icon)	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:
L16

Refine Search

Recall Text   Clear   Interrupt

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L16	L15 and (detect$3 with movement with icon)	0	L16
L15	L14 and (GUI or (graphical near user near interface))	45	L15
L14	L13 and (L1 or L9)	118	L14
L13	709/$.ccls.	51778	L13
L12	L11 not L8	0	L12
L11	L10 and L1	1	L11
L10	L9 and L6	12	L10
L9	simultaneous with communication with session	333	L9
L8	L7 and L2	1	L8
L7	L6 and L1	6	L7
L6	707/$.ccls.	41156	L6
L5	L4 and (detect$3 with movement with icon)	0	L5
L4	L3 and (GUI or (graphical near user near interface))	50	L4
L3	L1 and L2	60	L3

L2	communication with session	28650	L2
L1	display$3 with icon with participant	204	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L11 not L8	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L12

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L12	L11 not L8	0	L12
L11	L10 and L1	1	L11
L10	L9 and L6	12	L10
L9	simultaneous with communication with session	333	L9
L8	L7 and L2	1	L8
L7	L6 and L1	6	L7
L6	707/$.ccls.	41156	L6
L5	L4 and (detect$3 with movement with icon)	0	L5
L4	L3 and (GUI or (graphical near user near interface))	50	L4
L3	L1 and L2	60	L3
L2	communication with session	28650	L2
L1	display$3 with icon with participant	204	L1

END OF SEARCH HISTORY

Refine Search

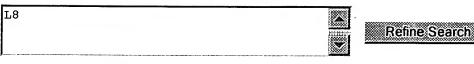| Terms	Documents
L7 and L2	1

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search:
```
L8
```

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: **Thursday, February 15, 2007**   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L8	L7 and L2	1	L8
L7	L6 and L1	6	L7
L6	707/$.ccls.	41156	L6
L5	L4 and (detect$3 with movement with icon)	0	L5
L4	L3 and (GUI or (graphical near user near interface))	50	L4
L3	L1 and L2	60	L3
L2	communication with session	28650	L2
L1	display$3 with icon with participant	204	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

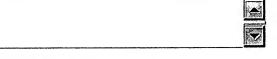| Terms	Documents
L10 and ((second near icon) with participant)	4

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
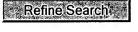JPO Abstracts Database
Derwent World Patents Index
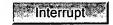IBM Technical Disclosure Bulletins

Search:
L11

Refine Search

Recall Text   Clear   Interrupt

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L11	L10 and ((second near icon) with participant)	4	L11
L10	L9 and (icon$1 with position)	534	L10
L9	L8 and (detect$3 with movement)	1942	L9
L8	(5 or L7) and L4	36043	L8
L7	L6 not L5	2706	L7
L6	L2 and L3	5035	L6
L5	L1 and L3	2329	L5
L4	display$3 with icon$1	42832	L4
L3	desir$3 same communicat$4	68826	L3
L2	communicat$4 same session$1	43769	L2
L1	establish$3 same communicat$4 same session$1	14341	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L15 and (display$3 with icon with participant)	0

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```
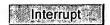
Search:

```
L16
```

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L16	L15 and (display$3 with icon with participant)	0	L16
L15	detect$3 with movement with icon$1 with position$3	51	L15
L14	detect$3 with movement with icon$1 with position$	50	L14
L13	L12 not L11	0	L13
L12	L1 and ((second adj icon) with participant)	4	L12
L11	L10 and ((second near icon) with participant)	4	L11
L10	L9 and (icon$1 with position)	534	L10
L9	L8 and (detect$3 with movement)	1942	L9
L8	(5 or L7) and L4	36043	L8
L7	L6 not L5	2706	L7
L6	L2 and L3	5035	L6
L5	L1 and L3	2329	L5
L4	display$3 with icon$1	42832	L4
L3	desir$3 same communicat$4	68826	L3

| L2 | communicat$4 same session$1 | 43769 | L2 |
| L1 | establish$3 same communicat$4 same session$1 | 14341 | L1 |

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(L1 or L2) and (icon with participant)	4

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search: L4

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L4	(L1 or L2) and (icon with participant)	4	L4
L3	(L1 or L2) and (display$3 with icon with participant)	0	L3
L2	margaret near macphail	91	L2
L1	david near kumhyr	165	L1

END OF SEARCH HISTORY

Hit List

[Clear] [Generate Collection] [Print] [Fwd Refs] [Bkwd Refs]

[Generate OACS]

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20030065955 A1

L4: Entry 1 of 4   File: PGPB   Apr 3, 2003

```
PGPUB-DOCUMENT-NUMBER: 20030065955
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030065955 A1
```

TITLE: Selection and interconnection of computer-based communications techniques

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 2. Document ID: US 20030065723 A1

L4: Entry 2 of 4   File: PGPB   Apr 3, 2003

```
PGPUB-DOCUMENT-NUMBER: 20030065723
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030065723 A1
```

TITLE: Computer-based communication using multiple communications channels

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 3. Document ID: US 20030065666 A1

L4: Entry 3 of 4   File: PGPB   Apr 3, 2003

```
PGPUB-DOCUMENT-NUMBER: 20030065666
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030065666 A1
```

TITLE: Method, system and program for switching between various computer-based communication techniques

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D

☐ 4. Document ID: US 20030063121 A1

L4: Entry 4 of 4   File: PGPB   Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030063121
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030063121 A1

TITLE: Determining availability of participants or techniques for computer-based
communication

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

| Clear | | Generate Collection | | Print | | Fwd Refs | | Bkwd Refs | | Generate OACS |

Terms	Documents
(L1 or L2) and (icon with participant)	4

Display Format: [-]   [Change Format]

Previous Page   Next Page   Go to Doc#

Refine Search

Search Results -

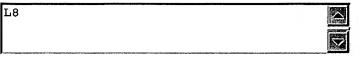| Terms	Documents
L4 and ((second adj icon) with detect$3 with movement)	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:
L5

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name Query	Hit Count	Set Name
side by side		result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L5 L4 and ((second adj icon) with detect$3 with movement)	0	L5
L4 (L1 or L2) and (icon with participant)	4	L4
L3 (L1 or L2) and (display$3 with icon with participant)	0	L3
L2 margaret near macphail	91	L2
L1 · david near kumhyr	165	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L7 not L4	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:
L8

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: **Thursday, February 15, 2007**   **Purge Queries**   Printable Copy   Create Case

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L8	L7 not L4	0	L8
L7	L6 and (icon with participant)	4	L7
L6	detect$3 with position with movement with icon	47	L6
L5	L4 and ((second adj icon) with detect$3 with movement)	0	L5
L4	(L1 or L2) and (icon with participant)	4	L4
L3	(L1 or L2) and (display$3 with icon with participant)	0	L3
L2	margaret near macphail	91	L2
L1	david near kumhyr	165	L1

END OF SEARCH HISTORY

Refine Search

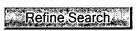## Search Results -

Terms	Documents
L7 and (detect$3 with movement)	1

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search: L8

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L8	L7 and (detect$3 with movement)	1	L8
L7	L6 and (icon with represent$3 with participant)	2	L7
L6	L5 and L2	40	L6
L5	715/$.ccls.	28589	L5
L4	L3 and L2	0	L4
L3	715/700.ccls.	959	L3
L2	L1 and (icon$1 with position)	179	L2
L1	communicat$4 with session	31537	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L11 and (detect$3 with movement)	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L12

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Thursday, February 15, 2007   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L12	L11 and (detect$3 with movement)	0	L12
L11	L10 and (icon$1 with position)	4	L11
L10	L9 and L1	78	L10
L9	715/753.ccls.	346	L9
L8	L7 and (detect$3 with movement)	1	L8
L7	L6 and (icon with represent$3 with participant)	2	L7
L6	L5 and L2	40	L6
L5	715/$.ccls.	28589	L5
L4	L3 and L2	0	L4
L3	715/700.ccls.	959	L3
L2	L1 and (icon$1 with position)	179	L2
L1	communicat$4 with session	31537	L1

END OF SEARCH HISTORY

```
Set        Items      Description
S1         34013      S ICON? ?
S2          4395      S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL)(3W)S1
S3          3223      S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER ) (3W) S1
S4          1295      S (S2 OR S3) (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR
DRAGGED OR DRAGGING) (5N) (S2 OR S3)
S5          1257      S (S2 OR S3) (3N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR
DRAGGED OR DRAGGING) (3N) (S2 OR S3)
S6         15537      S S1 (3N) (REPRESENT?? OR REPRESENTING OR REPRESENTATION? ? OR IS OR
STAND?()FOR OR SYMBOL? OR CORRESPOND?? OR CORRESPONDING OR CORRESP )
S7          3572      S S6 (5N) (USER? ? OR ENDUSER? ? OR MEMBER? ? OR PARTICIPANT? ? OR
INDIVIDUAL? ? )
S8       3993414      S APPLICATION? ? OR PROGRAM? ? OR SOFTWARE
S9         80476      S S8 (3N) (COMMUNICATION? ? OR COMMUNICATING OR MESSAGE? ? OR MESSAGING OR
CONVERSATION? ? OR DISCUSSION? ?)
S10      1684522      S IM OR INSTANT()(MESSENGER? ? OR MESSAGING) OR CHAT OR FORUM? ?
S11         4719      S (S9 OR S10) (3N) (DESIRE? ? OR CHOSEN OR CHOICE OR SELECTED OR
SELECTION? ? OR PREFER? ? OR PREFERENCE? ? OR PREFERRED OR WANT OR WANTS OR WANTED OR
FAVORITE? ?)
S12            7      S S6 (5N) S11
S13           97      S S6 (5N) (S9 OR S10)
S14          433      S S5 (30N) (S7 OR S13)
S15            9      S S5 (30N) S7 (30N) S13
S16            9      IDPAT (sorted in duplicate/non-duplicate order)
S17            9      IDPAT (primary/non-duplicate records only)
S18            2      S S5 (30N) S12
S19            0      S S18 NOT S17
S20          176      S S5 (30N) (S9 OR S10)
S21           27      S S5 (30N) S11
S22           24      S S21 NOT S17
S23           17      S S22 NOT AY>2001
S24           17      IDPAT (sorted in duplicate/non-duplicate order)
S25           16      IDPAT (primary/non-duplicate records only)
 ; show files
```

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200706

(c) 2007 European Patent Office. All rights reserved.

File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

[File 349] **PCT FULLTEXT** 1979-2007/UB=20070208UT=20070201

(c) 2007 WIPO/Thomson. All rights reserved.

File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

[File 350] **Derwent WPIX** 1963-2006/UD=200710

(c) 2007 The Thomson Corporation. All rights reserved.

File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit http://www.dialog.com/dwpi/.

```
Set      Items    Description
S1       17330    S ICON? ?
S2         162    S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3W) S1
S3         119     S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER ) (3W) S1
S4           0    S S2 (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR DRAGGED OR
DRAGGING ) (5N) S3
S5         328    S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3N) S1
S6         260    S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER ) (3N) S1
S7           0    S S5 (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR DRAGGED OR
DRAGGING ) (5N) S6
S8           4    S (S2 OR S3) (5N) (OVERLAP? ? OR OVERLAPPED OR OVERLAPPING OR OVERLAY? ?
OR OVERLAID OR OVERLAYING OR SUPERIMPOSE? ? OR SUPERIMPOSING) (5N) (S2 OR S3)
S9           2    RD (unique items)
S10          7    S S5 (5N) (OVERLAP? ? OR OVERLAPPED OR OVERLAPPING OR OVERLAY? ? OR
OVERLAID OR OVERLAYING OR SUPERIMPOSE? ? OR SUPERIMPOSING) (5N) S6
S11          5    S S10 NOT S9
S12          2    RD (unique items)
 ; show files
```

[File 8] **Ei Compendex(R)** 1884-2007/Feb W1
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Jan
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Feb 13
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2007/Feb W1
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 94] **JICST-EPlus** 1985-2007/Feb W3
(c)2007 Japan Science and Tech Corp(JST). All rights reserved.
File 94: UD200609W2 is the last update for 2006. UD200701W1 is the first update for 2007. The file is complete and up to date.

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Feb 09
(c) 2007 The Gale Group. All rights reserved.

[File 6] **NTIS** 1964-2007/Feb W1
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 144] **Pascal** 1973-2007/Feb W1
(c) 2007 INIST/CNRS. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Feb W1
(c) 2007 The Thomson Corp. All rights reserved.

[File 62] **SPIN(R)** 1975-2007/Jan W3
(c) 2007 American Institute of Physics. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jan

[File 95] **TEME-Technology & Management** 1989-2007/Feb W2

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jan

[File 57] **Electronics & Communications Abstracts** 1966-2007/Jan

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Jan

[File 266] **FEDRIP** 2006/Dec

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
File 583: This file is no longer updating as of 12-13-2002.

[File 438] **Library Lit. & Info. Science** 1984-2007/Jan

[File 256] **TecInfoSource** 82-2007/Sep

9/5/1 (Item 1 from file: 8) <u>Links</u>
Ei Compendex(R)

05919697   **E.I. Monthly No:** EIM9006-026165
Title: IconicBrowser: An iconic retrieval system for object-oriented databases.

Author: Tsuda, Kazuyuki; Hirakawa, Masahito; Tanaka, Minoru; Ichikawa, Tadao
Corporate Source: Hiroshima Univ, Fac of Eng, Saijo, Jpn
Conference Title: IEEE Workshop on Visual Languages 1989 (VL89)
Conference Location: Rome, Italy   **Conference Date:** 19891004
Sponsor: Univ of Pittsburgh, Pittsburgh, PA, USA; Univ of Rome, Rome, Italy; Univ of Salerno, Dipartimento di Informatica ed Applicazioni, Salerno, Italy; VL Foundation
E.I. Conference No.: 13187
Source: IEEE Workshop Visual Lang 1989 VL89. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA. Available from IEEE Service Cent (cat n 89TH0277-4), Piscataway, NJ, USA. p 130-137
Publication Year: 1989
Language: English
Document Type: PA; (Conference Paper)   **Treatment:** X; (Experimental)
Journal Announcement: 9006
Abstract: The IconicBrowser, which allows the user to retrieve objects in a database by means of icons, is described. Icons represent classes and objects in the database. Queries are specified by **overlapping one icon** over another. The system then interprets them into database operations, depending on their combination. At the same time, the system generates predicate-based (text-base) queries which can be used in other applications of the database. 12 Refs.
Descriptors: *INFORMATION SCIENCE--*Information Retrieval; DATABASE SYSTEMS; COMPUTER INTERFACES
Identifiers: OBJECT ORIENTED DATABASES; ICONICBROWSER; ICONIC RETRIEVAL SYSTEMS; QUERY PROCESSING
 Classification Codes:
903 (Information Science); 723 (Computer Software)
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

9966,829

9/5/2 (Item 1 from file: 94) **Links**
   Fulltext available through: USPTO Full Text Retrieval Options   SCIENCEDIRECT
JICST-EPlus

00882967 **JICST Accession Number:** 89A0242981 **File Segment:** JICST-E
Development of iconicbrowser.

HORIO YOSHIHISA (1); TSUDA KAZUYUKI (1) ; HIRAKAWA MASAHITO (2); TANAKA MASARU (2);
ICHIKAWA TADAO (2)
(1) Hiroshima Univ., Graduate School ; (2) Hiroshima Univ., Faculty of Engineering

Universal Decimal Classification: 681.3:061.68
Language: Japanese **Country of Publication:** Japan
Document Type: Journal
Article Type: Original paper
Media Type: Printed Publication
Abstract: Query languages for object-oriented databases are complicated for the user unfamiliar with database
manipulation. Development of friendly interfaces which can be easily manipulated by the novice user is strongly
requested. This paper describes an iconicbrowser which enables the user to retrieve objects by means of icons. Icons
represent classes and objects in the database. Queries are specified by **overlapping one icon** over another. The
iconicbrowser interprets **overlapped** icons into the database operations, and then displays the result to the
user.(author abst.)
Descriptors: user; system interface; man-machine system; data retrieval; DBMS; menu system; CRT display;
relational data base; database schema
Broader Descriptors: interface; system; fact retrieval; information retrieval; retrieval; computer application system;
method; display device; equipment; database
Classification Codes: JD03030U

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Set       Items    Description
S1        17330    S ICON? ?
S2          162    S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3W) S1
S3          119    S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER ) (3W) S1
S4            7    S (S2 OR S3) (3N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR
DRAGGED OR DRAGGING ) (3N) (S2 OR S3)
S5            5    RD (unique items)
; show files
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[File 8] **Ei Compendex(R)** 1884-2007/Feb W1
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Jan
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Feb 13
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[File 2] **INSPEC** 1898-2007/Feb W1
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 94] **JICST-EPlus** 1985-2007/Feb W3
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File 94: UD200609W2 is the last update for 2006. UD200701W1 is the first update for 2007. The file is complete and up to date.

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Feb 09
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[File 6] **NTIS** 1964-2007/Feb W1
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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Feb W1
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[File 62] **SPIN(R)** 1975-2007/Jan W3
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[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jan
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[File 95] **TEME-Technology & Management** 1989-2007/Feb W2
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[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jan

[File 57] **Electronics & Communications Abstracts** 1966-2007/Jan

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Jan

[File 266] **FEDRIP** 2006/Dec

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
File 583: This file is no longer updating as of 12-13-2002.

[File 438] **Library Lit. & Info. Science** 1984-2007/Jan

[File 256] **TecInfoSource** 82-2007/Sep

5/5/1 (Item 1 from file: 2) <u>Links</u>
INSPEC
08011838   **INSPEC Abstract Number:** C2001-09-6110V-001
Title: Visual languages: concepts, constructs and claims
Author Levialdi, S.
Author Affiliation: Pictorial Comput. Lab., Univ. of Rome La Sapienza, Italy
Conference Title: ITI 2001. Proceedings of the 23rd International Conference on Information Technology
Interfaces (IEEE Cat. No.01EX491)   **Part** vol.1   p. 29-33 vol.1
Editor(s): Kalpic, D.; Dobric, V.H.
Publisher: Univ. Zagreb , Zagreb, Croatia
Publication Date: 2001 **Country of Publication:** Croatia   2 vol. (xiv+478+14) pp.
ISBN: 953 96769 3 2   **Material Identity Number:** XX-2001-01057
Conference Title: Proceedings 23rd International Conference Information Technology Interfaces. ITI 2001
Conference Sponsor: IMACS; SCS; World Sci. & Eng. Soc
Conference Date: 19-22 June 2001   **Conference Location:** Pula, Croatia

Language: English   **Document Type:** Conference Paper (PA)
Treatment: General, Review (G)
Abstract: Historically (1984) a group of researchers at Hiroshima University, Japan, considered how to bridge the
chasm between high level programming languages and the human level by introducing a purely graphical language
(called visual) which would be able to express both data and control structures so that real programs could be drawn.
This basic idea stemmed from a natural extension of the direct manipulation interface where icons are selected,
dragged and placed near/on top of **other icons** so as to express actions that may entail processes of variable
complexity. The concept of usability, in terms of human acceptance and satisfaction of the visual language, was
introduced so as to enable a human-centered evaluation of the implemented prototypes. At the same time, research
has also considered graphical layout on the screen, a number of different visualization strategies, the user task
analysis, user modeling, icon design according to different user cultures and background, a definition of state within
an interactive system, and many others as may be seen by the growing number of meetings on all these subjects. The
paper discusses the concepts and claims of visual languages. (23 Refs)
 Subfile: C
Descriptors: graphical user interfaces; visual languages; visual programming
Identifiers: graphical language; data structures; direct manipulation interface; icons; usability; visual language;
human-centered evaluation; task analysis; user modeling; icon design; interactive system; visual programming
Class Codes: C6110V (Visual programming); C6140D (High level languages)

5/5/3 (Item 1 from file: 6) <u>Links</u>
Fulltext available through: <u>Check for PDF Download Availability and Purchase</u>
NTIS

NTIS Accession Number:
PB2007-101416/XAB

Motion-Based Visualization, Part Two

Bobrow, R. J. ; Roberts, R. B. ; Ware, C. ; Pickett, R. M.
Fish and Neave IP Group, Boston, MA.
Corporate Source Codes: 888888888
Sponsor: National Imagery and Mapping Agency, Bethesda, MD.
Report Number: PAT-APPL-11-431 678
Filed 10 May 06   16p
Language: English   Document Type: Patent
Journal Announcement: USGRDR0708
Sponsored by National Imagery and Mapping Agency, Bethesda, MD.
This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231. Product reproduced from digital image.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
Contract Number: NMA 401-01-C-0019

A data-display system employs a display in which the representations of data objects are caused to move on the display in order to convey information about the represented data objects. In **one** example, **icons** in a link-analysis display that represent data objects satisfying a selection criterion are made to execute distinctive motion. In another example, three-dimensional models of **moving** bodies in whose features components of respective data objects are encoded are projected onto a screen plane, and the resultant values are used to generate the display.A data-display system employs a display in which the representations of data objects are caused to **move** on the display in order to convey information about the represented data objects. In **one** example, **icons** in a link-analysis display that represent data objects satisfying a selection criterion are made to execute distinctive motion. In another example, three-dimensional models of moving bodies in whose features components of respective data objects are encoded are projected onto a screen plane, and the resultant values are used to generate the display.
Descriptors: *Patent applications; Data displays; Data objects
Identifiers: *Data-display systems; *Motion-based visualization; NTISGPDOD
Section Headings: 62GE (Computers, Control, and Information Theory--General); 45C (Communication--Common Carrier and Satellite); 90D (Government Inventions For Licensing--Biology and Medicine)